

Abstract of the Disclosure

An air mass flow controller valve containing at least two air channels that deliver desired air mass amount from a single inlet to fuel cell(s) through at least one channel of the at least two air channels. Preferably, a single housing encloses the inlet, two air channels and actuating devices. Each air channel includes an actuating device that actuates an associated closure member to regulate air flow from the inlet through the air channel as a function of a signal from an air mass sensor or a controller signal. The signal from each air mass sensor can be directly coupled to the actuating device, or the signal can be used as an error correction signal to feed back control the actuating device associated with the air mass sensor and the air channel.

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